2873

CC

SONNENSCHEIN, NATH & ROSENTHAL
8000 Sears Tower
233 S. Wacker Drive
Chicago, IL 60606
312/876-8000

IN RE APPLICATION OF:	Keiichi Nito, et al.	ATTORNEY DOCKET NO. 09792909-4679	
SERIAL NO.:	09/711,651	GROUP ART UNIT:	2873
FILED:	November 13, 2000	EXAMINER:	W. Choi

FOR: "LIGHT MODULATION APPARATUS AND IMAGE PICKUP APPARATUS AND DRIVE METHODS THEREOF"

AMENDMENT "D"

Hon. Assistant Commissioner of Patents
Washington D.C. 2023
SIR:

Transmitted herewith is an amendment in the above-identified application.

☐ No additional claim fee is required.

The fee has been calculated as shown below.

CLAIMS AS AMENDED						
		(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	44	MINUS	162		( ) X 9.00 (X) X 18.00	0.00
INDEP. CLAIMS	17	MINUS	14	3	( ) X 42.00 (X) X 84.00	252.00
Application amended to contain any multiple dependent claims not previously paid for.				( ) YES ( ) NO	( ) $140.00 ( ) $280.00 ONE TIME	
			TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		$252.00	

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 write "20" in this space.

☐ Applicant petitions the Commissioner of Patents and Trademarks to extend this time for response to the Office Action dated _____ for _____ month(s) so that the period for response is extended to _____.

■ The Commissioner is requested and authorized to charge the amount of $ 252.00 for the additional claim fee to applicant's attorneys' American Express Account. Form 2038 is attached for that purpose.

☐ A check for $____ accompanying attached Terminal Disclaimer under 37 C.F.R. §1.321.

☐ A check for $___ and Petition

■ The Commissioner is hereby authorized to any additional fees which may be required, or to credit any overpayment to account No. 19-3140. A duplicate of this sheet is enclosed.

When phoning re this application, please call 312/876-8000 - Ext. 2606.

SONNENSCHEIN NATH & ROSENTHAL

BY _____ (Reg. No. 45,034)
Christopher P. Rauch

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11/C
4-29-03
CBrown

APPLICANT(S):	Keiichi NITO , et al.	ATTORNEY DOCKET NO.:09792909-4679	
SERIAL NO.:	09/711,651	GROUP ART UNIT:	2873
DATE FILED:	November 13, 2000	EXAMINER:	W. CHOI
INVENTION:	"LIGHT MODULATION APPARATUS AND IMAGE PICKUP APPARATUS AND DRIVE METHODS THEREOF"		

AMENDMENT "D"

Assistant Commissioner for Patents
Washington, DC 20231

SIR:

This Amendment "D" is filed in response to the Office Action of January 16, 2003. Please reconsider the application in view of the amendments and remarks presented below.

IN THE CLAIMS

Please amend claims 10, 74, 75, 76, 80, 83, 86, 115, 150, 151, 152, 155, 156, 159 and 162 as follows:

10. (Amended) A light modulation apparatus according to claim 6, wherein the basic frequency and the modulated pulse width are adjusted in such a manner as to prevent the occurrence of flicker in stationary drive of said light modulation apparatus.

74. (Amended) An image pickup apparatus comprising:

a light modulation apparatus including a liquid crystal device, a drive pulse generation unit for driving said liquid crystal device, and a pulse width control unit for modulating a pulse width of each drive pulse to be applied to said liquid crystal device, thereby controlling a transmittance of light made incident on said liquid crystal device;

wherein said light modulation apparatus is disposed in an optical path of an optical system of said image pickup apparatus; and

wherein the pulse width of each drive pulse is modulated with its pulse height kept constant.

1